11-6130-245-24P-2



# TECHNICAL MANUAL

# ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LISTS (INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS)

# FOR

# POWER SUPPLY PP-2309C/U

# (NSN 6130-00-752-2215)

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HEADQUARTERS, DEPARTMENT OF THE ARMY
8 JUNE 1982

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Technical Manual
No. 11-6130-245-24P-2

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, DC, *8 June 1982*

# ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LISTS (INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS) FOR POWER SUPPLY PP-2309C/U (NSN 6130-00-752-2215)

Current as of 12 February 1982

**REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS**

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual direct to: Commander, US Army Communications-Electronics Command and Fort Monmouth; ATTN: DRESL-ME-MQ, Fort Monmouth NJ 07703.

In either case, a reply will be furnished direct to you.

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# SECTION I

# INTRODUCTION

## 1. Scope

This manual lists spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE), and other special support equipment required for performance of organizational, direct support, and general support maintenance of the PP-2309C/U. It authorizes the requisitioning and issue of spares and repair parts as indicated by the source and maintenance codes.

## 2. General

This Repair Parts and Special Tools List is divided into the following sections:

*a. Section II. Repair Parts List.* A list of spares and repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in numeric sequence, with the parts in each group listed in figure and item number sequence.

*b. Section III. Special Tools List.* Not applicable.

*c. Section IV. National Stock Number and Part Number Index.* A list, in National item identification number (NIIN) sequence, of all National stock numbers (NSN) appearing in the listings, followed by a list, in alphameric sequence, of all part numbers appearing in the listings. National stock numbers and part numbers are cross-referenced to each illustration figure and item number appearance.

## 3. Explanation of Columns

*a. Illustration.* This column is divided as follows:

(1) *Figure number.* Indicates the figure number of the illustration on which the item is shown.

(2) *Item number.* The number used to identify item called out in the illustration.

*b. Source, Maintenance, and Recoverability (SMR) Codes.*

(1) *Source code.* Source codes indicate the manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are entered in the first and second positions of the Uniform SMR Code format as follows:

| *Code* | *Definition* |
|---|---|
| PA | Item procured and stocked for anticipated or known usage. |
| PD | Support item, excluding support equipment, procured for initial issue or outfitting and stocked only for subsequent or additional initial issues or outfittings. Not subject to automatic replenishment. |
| PF | Support equipment which will not be stocked but which will be centrally procured on demand. |
| MF | Item to be manufactured or fabricated at the direct support maintenance level. |
| MH | Item to be manufactured or fabricated at the general support maintenance level. |
| MD | Item to be manufactured or fabricated at the depot maintenance level. |
| XA | Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly. |
| XD | A support item that is not stocked. When required, item will be procured through normal supply channels. |

**NOTE**

Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded XA and aircraft support items as restricted by AR 700-42.

(2) *Maintenance code.* Maintenance codes are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

*(a)* The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position will indicate one of the following levels of maintenance:

| *Code* | *Application/Explanation* |
|---|---|
| O | Support item is removed, replaced, used at the organizational level. |
| F | Support item is removed, replaced, used at the direct support level. |

*(b)* The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e.' all authorized maintenance functions). This position will contain one of the following maintenance codes:

*Code* *Application/Explanation*

F—The lowest maintenance level capable of complete repair of the support item is the direct support level.

D—The lowest maintenance level capable of complete repair of the support item is the depot level.

Z—Nonreparable. No repair is authorized.

(3) *Recoverability code.* Recoverability codes are assigned to support items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the Uniform SMR Code format as follows:

*Recoverability codes* *Definition*

Z—Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.

F—Reparable item. When uneconomically reparable, condemn and dispose at the direct support level.

D—Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.

*c. National Stock Number.* Indicates the National stock number assigned to the item and will be used for requisitioning purposes.

*d. Federal Supply Code for Manufacturer (FSCM).* The FSCM is a 5-digit numeric code listed in SB 708-41/42 which is used to identify the manufacturer, distributor, or Government agency, etc.

*e. Part Number.* Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications, standards, and inspection requirements to identify an item or range of items.

**NOTE**

When a stock numbered item is requisitioned, the repair part received may have a different part number than the part being replaced.

*f. Description.* Indicates the Federal item name and, if required, a minimum description to identify the item.

*g. Unit of Measure (U/M).* Indicates the standard of the basic quantity of the listed item as used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., ea, in, pr, etc). When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the required units of measure will be requisitioned.

*h. Quantity Incorporated in Unit.* Indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly.

**4. Special Information**

*a.* Detailed manufacturing instructions for items source coded to be manufactured or fabricated are found in TM 11-6130-245-14-2. Bulk materials required to manufacture items are listed in the Bulk Material Group of this manual.

*b.* The following publications pertain to the PP-2309C/U. and its components:

TM 11-6130-245-14-2, Power Supply PP-2309C/U.

*c.* National stock numbers (NSN's) that are missing from P source coded items have been applied for and will be added to this TM by future change/revision when they are entered in the Army Master Data File (AMDF). Until the NSN's are established and published, submit exception requisitions to: Commander, US Army Communications—Electronics Materiel Readiness Command, and Fort Monmouth ATTN: DRSEL-MM, Forth Monmouth, NJ 07703 for the part required to support your equipment.

**5. How to Locate Repair Parts**

*a.* When National stock number or part number is unknown.

(1) *First.* Using the table of contents, determine the functional group within which the item belongs. This is necessary since illustrations are prepared for functional groups and listings are divided into the same groups.

(2) *Second.* Find the illustration covering the functional group to which the item belongs.

(3) *Third.* Identify the item on the illustration and note the illustration figure and item number of the item.

(4) *Fourth.* Using the Repair Parts Listing, find the figure and item number noted on the illustration.

*b.* When National stock number or part number is known.

(1) *First.* Using the Index of National Stock Numbers and Part Numbers, find the pertinent National stock number or part number. This index is in NIIN sequence followed by a list of part num-

bers in alphameric sequence, cross-referenced to the illustration figure number and item number.

(2) *Second.* After finding the figure and item number, locate the figure and item number in the repair parts list.

**6. Abbreviations**

Not applicable.

**(Next printed page is 4)**

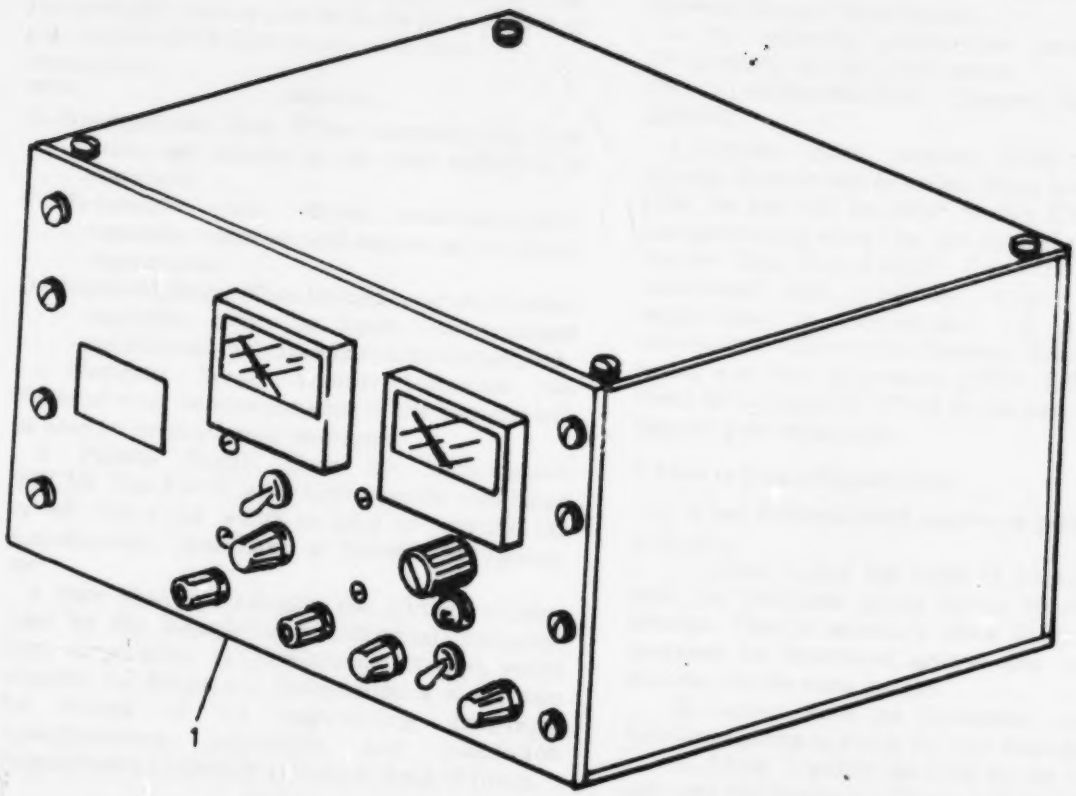



Figure 1. Power Supply PP-2309C/U

| (1) ILLUSTRATION (a) FIG NO | (1) ILLUSTRATION (b) ITEM NO | (2) SMR CODE | (3) NATIONAL STOCK NUMBER | (4) FSCM | (5) PART NUMBER | (6) DESCRIPTION / USABLE ON CODE | (7) U/M | (8) QTY INC IN UNIT |
|---|---|---|---|---|---|---|---|---|
| | | | | | | GROUP 00 POWER SUPPLY PP-2309C/U | | |
| 1 | 1 | PAODD | 6130-00-752-2215 | 12867 | MODEL TR10C | POWER SUPPLY PP-2309C/U ..... | EA | 1 |
| | | | | | | 5/(6 BLANK) | | |

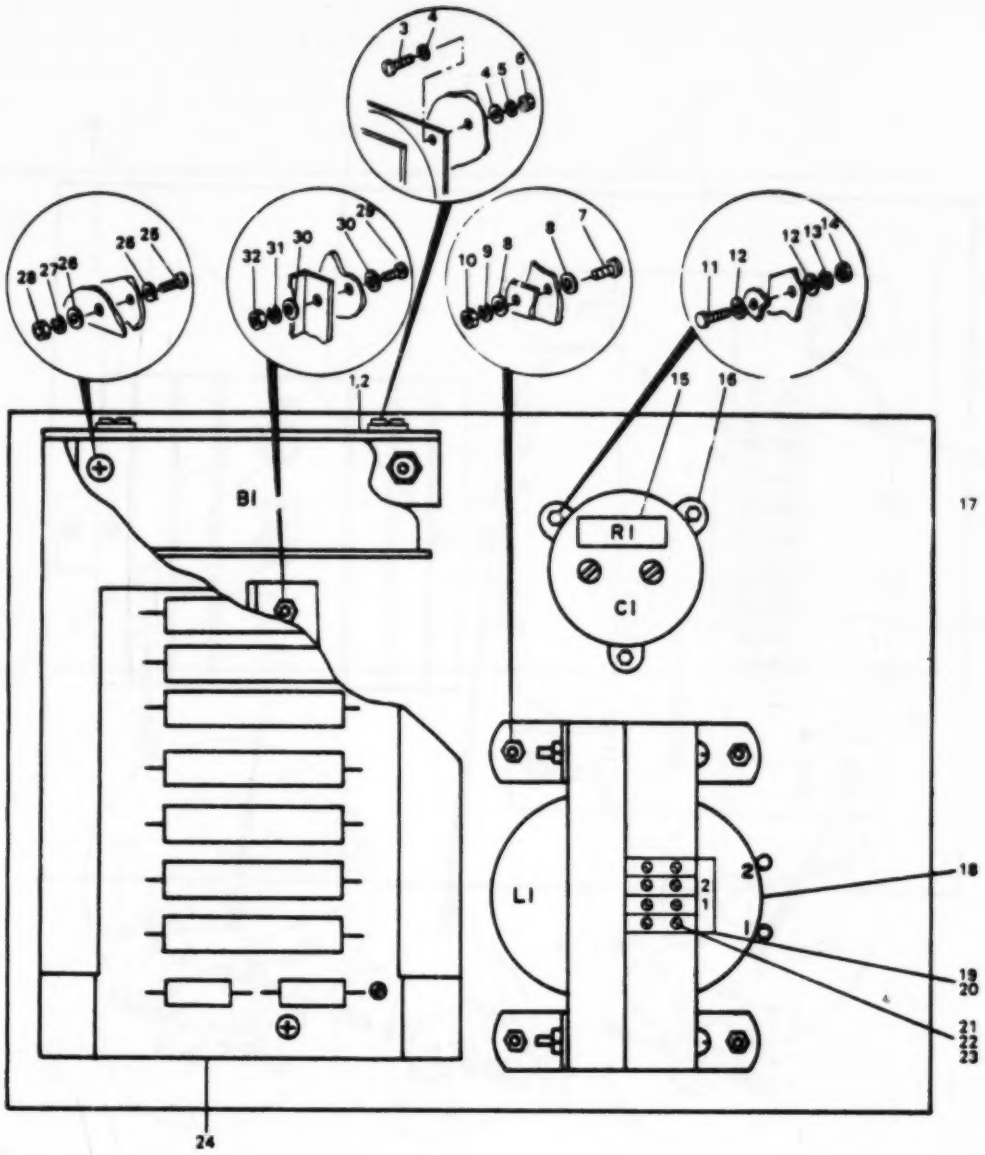



Figure 2. Main Assembly 0376-746 (Sheet 1 of 4)

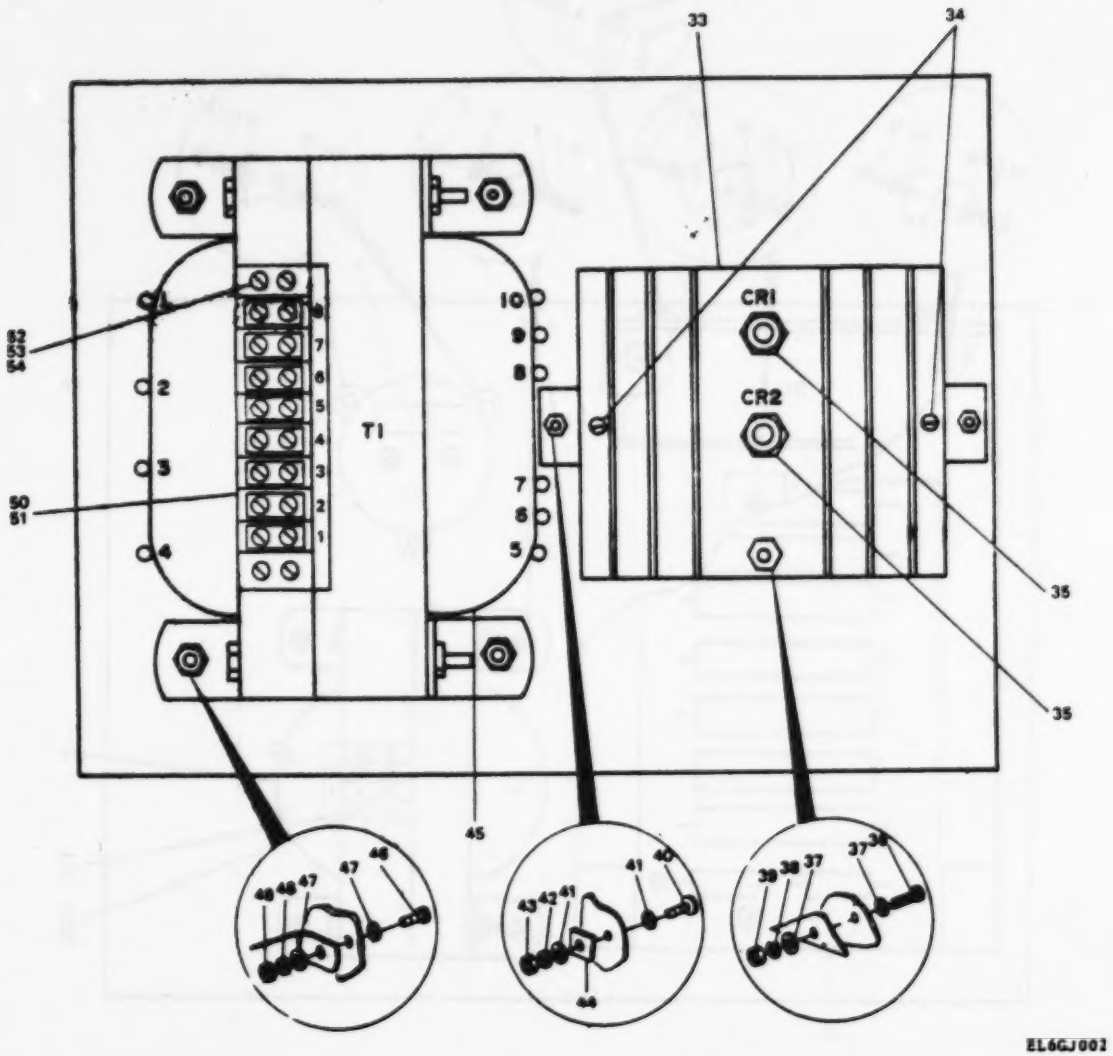



Figure 2. Main Assembly 0376-746 (Left Side Panel) (Sheet 2 of 4)

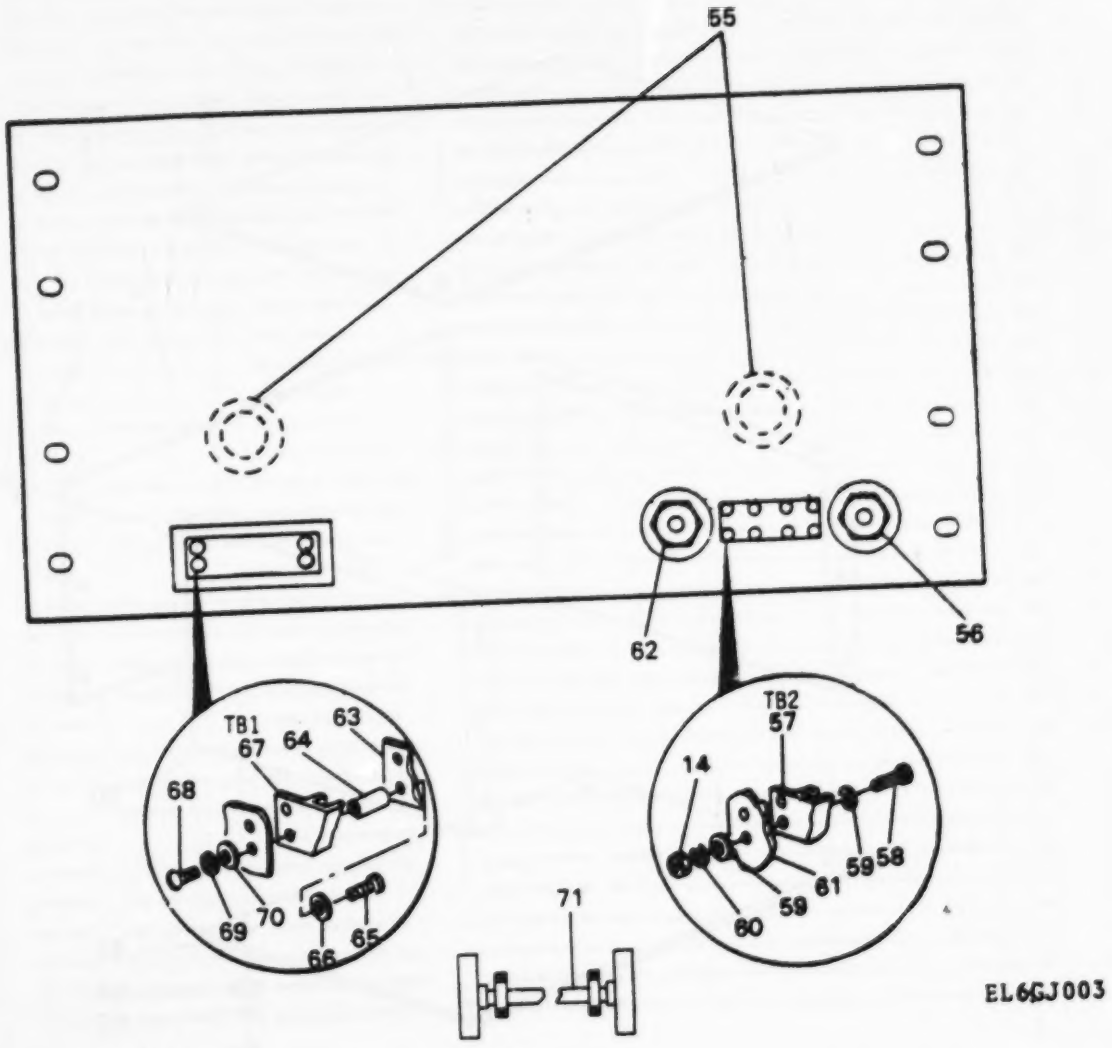



Figure 2. Main Assembly 0376-746 (Back Panel) (Sheet 3 of 4)

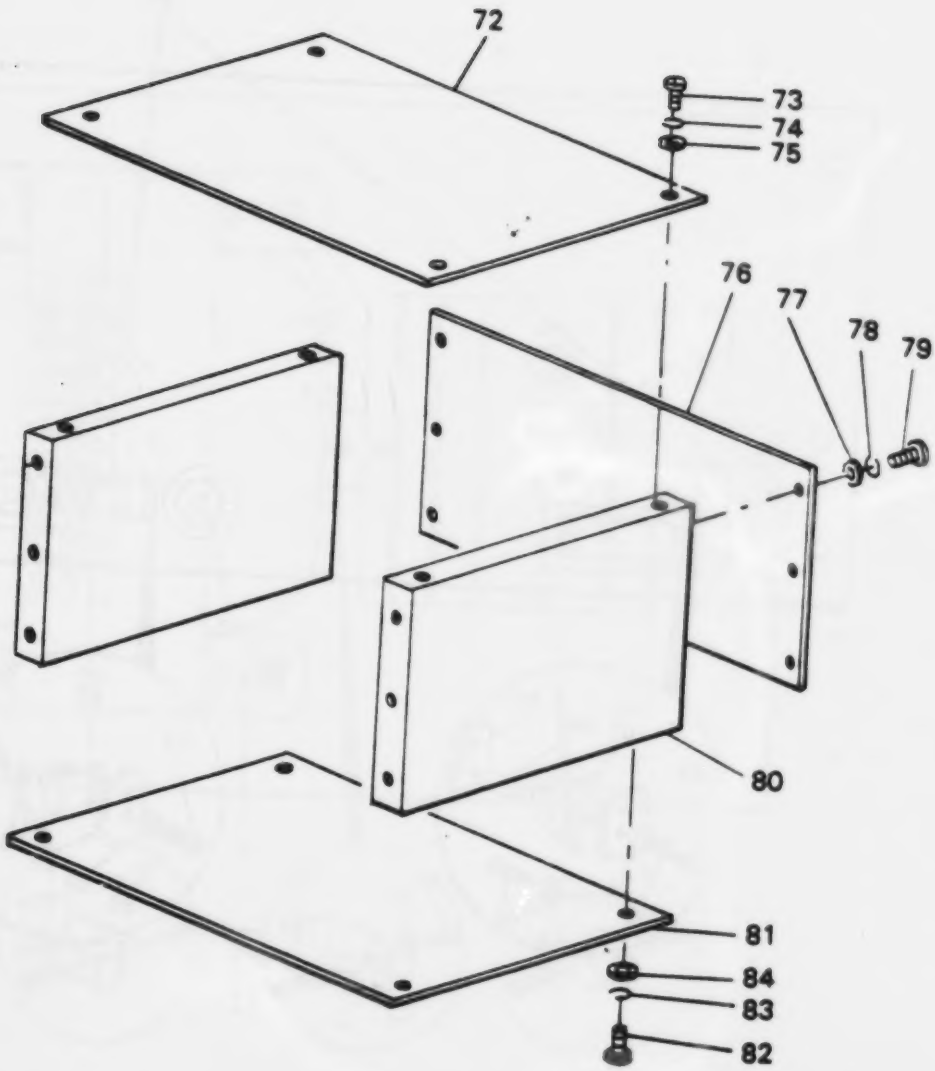


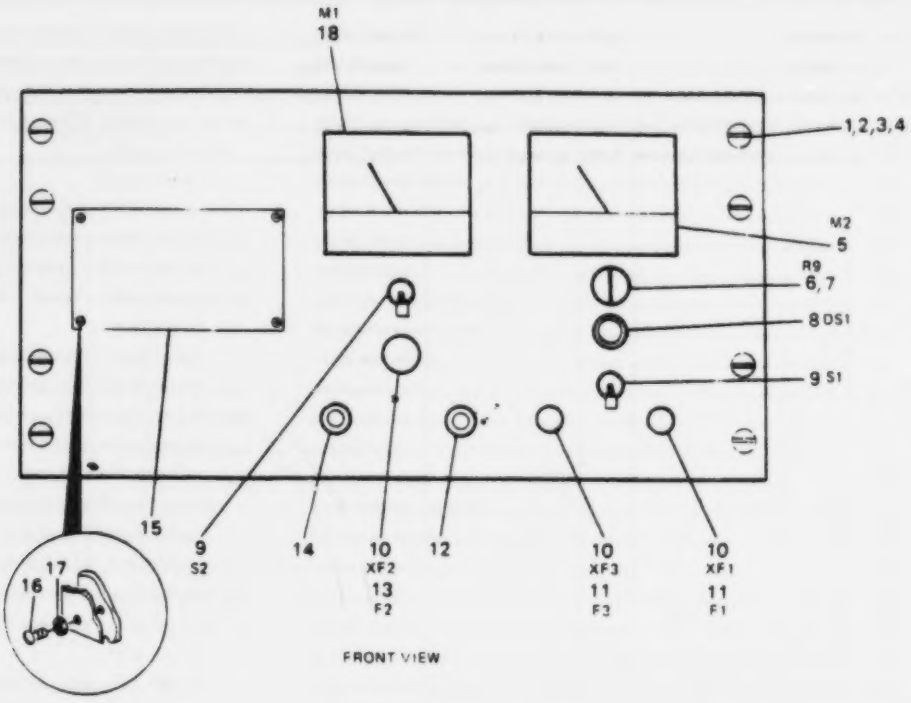

Figure 2. Main Assembly 0376-746 (Cabinet Assembly) (Sheet 4 of 4)

| (1) ILLUSTRATION (a) FIG NO | (1) ILLUSTRATION (b) ITEM NO | (2) SMR CODE | (3) NATIONAL STOCK NUMBER | (4) FSCM | (5) PART NUMBER | (6) DESCRIPTION / USABLE ON CODE | (7) U/M | (8) QTY INC IN UNIT |
|---|---|---|---|---|---|---|---|---|
| | | | | | | GROUP 01 MAIN ASSEMBLY | | |
| 2 | 1 | PAFZZ | 7021-00-483-0051 | 92702 | WS2107FL | BOXER FAN,COMPUTER | EA | 1 |
| 2 | 2 | HDFZZ | | 12867 | 0376-1029 | BRKT,SUPPORT,BLWR | EA | 1 |
| 2 | 3 | PAFZZ | 5305-00-579-2136 | 96906 | MS35265-32 | SCREW,MACHINE | EA | 4 |
| 2 | 4 | PAFZZ | 5310-00-722-5998 | 96906 | MS15795-805 | WASHER,FLAT | EA | 6 |
| 2 | 5 | PAFZZ | 5310-00-929-6395 | 96906 | MS35338-136 | WASHER,LOCK | EA | 4 |
| 2 | 6 | PAFZZ | 5310-00-934-9761 | 96906 | MS35649-264 | NUT,PLAIN,HEXAGON | EA | 4 |
| 2 | 7 | PAFZZ | 5305-00-837-8918 | 96906 | MS35274-64 | SCREW,MACHINE | EA | 4 |
| 2 | 8 | PAFZZ | 5310-00-619-1148 | 96906 | MS15795-808 | WASHER,FLAT | EA | 8 |
| 2 | 9 | PAFZZ | 5305-00-054-6656 | 96906 | MS35338-138 | SCREW,MACHINE | EA | 4 |
| 2 | 10 | PAFZZ | 5310-00-934-9751 | 96906 | MS35650-302 | NUT,PLAIN,HEXAGON | EA | 4 |
| 2 | 11 | PAFZZ | 5305-00-579-2139 | 96906 | MS35265-30 | SCREW,MACHINE | EA | 3 |
| 2 | 12 | PAFZZ | 5310-00-722-5998 | 96906 | MS15795-805 | WASHER,FLAT | EA | 6 |
| 2 | 13 | PAFZZ | 5310-00-929-6395 | 96906 | MS35338-136 | WASHER,LOCK | EA | 3 |
| 2 | 14 | PAFZZ | 5310-00-934-9761 | 96906 | MS35649-264 | NUT,PLAIN,HEXAGON | EA | 3 |
| 2 | 15 | PAFZZ | 5905-00-975-1153 | 81349 | RN68V511 | RESISTOR,FIXED,WIRE | EA | 1 |
| 2 | 16 | PAFZZ | 5910-00-151-7564 | 37942 | VR8 | RETAINER,CAPACITOR | EA | 1 |
| 2 | 17 | PAFZZ | | 37942 | CGS143U050D11 | CAPACITOR | EA | 1 |
| 2 | 18 | XDFZZ | | 12867 | TG826 | CHOKE,FILTER | EA | 1 |
| 2 | 19 | XDFZZ | 5940-00-983-4115 | 81349 | 38782 | TERMINAL BOARD | EA | 1 |
| 2 | 20 | MFFZZ | | 75382 | MS601-2 | MARKER STRIP | EA | 1 |
| 2 | 21 | PAFZZ | 5310-00-722-5998 | 96906 | MS15795-805 | WASHER,FLAT | EA | 4 |
| 2 | 22 | PAFZZ | 5310-00-929-6395 | 96906 | MS35338-136 | WASHER,LOCK | EA | 4 |
| 2 | 23 | PAFZZ | 5305-00-582-5808 | 96906 | MS35265-31 | SCREW,MACHINE | EA | 4 |
| 2 | 24 | PAFFF | | 12867 | 0376-741 | HEAT SINK ASSY | EA | 1 |
| 2 | 25 | PAFZZ | 5305-00-837-8918 | 96906 | MS35274-64 | SCREW,MACHINE | EA | 2 |
| 2 | 26 | PAFZZ | 5310-00-619-1148 | 96906 | MS15795-808 | WASHER,FLAT | EA | 4 |
| 2 | 27 | PAFZZ | 5305-00-054-6656 | 96906 | MS35338-138 | SCREW,MACHINE | EA | 2 |
| 2 | 28 | PAFZZ | 5310-00-934-9751 | 96906 | MS35650-302 | NUT,PLAIN,HEXAGON | EA | 2 |
| 2 | 29 | XAFFF | | 96906 | MS35274-64 | SCREW,MACHINE | EA | 2 |
| 2 | 30 | PAFZZ | 5310-00-619-1148 | 96906 | MS15795-808 | WASHER,FLAT | EA | 4 |
| 2 | 31 | PAFZZ | 5305-00-054-6656 | 96906 | MS35338-138 | SCREW,MACHINE | EA | 2 |
| 2 | 32 | PAFZZ | 5310-00-934-9751 | 96906 | MS35650-302 | NUT,PLAIN,HEXAGON | EA | 2 |
| 2 | 33 | XAFZZ | | 30161 | 0376-440-202 | HEAT SINK | EA | 1 |
| 2 | 34 | PAFZZ | 5305-00-497-7601 | 96906 | MS51861-25C | SCREW,TAPPING,THRD | EA | 2 |
| 2 | 35 | PAFZZ | 5961-00-476-9116 | 81349 | 1N1204 | SEMICONDUCTOR DEVIC | EA | 2 |
| 2 | 36 | PAFZZ | 5305-00-837-8918 | 96906 | MS35274-64 | SCREW,MACHINE | EA | 1 |
| 2 | 37 | PAFZZ | 5310-00-619-1148 | 96906 | MS15795-808 | WASHER,FLAT | EA | 2 |
| 2 | 38 | PAFZZ | 5305-00-054-6656 | 96906 | MS35338-138 | SCREW,MACHINE | EA | 1 |
| 2 | 39 | PAFZZ | 5310-00-934-9751 | 96906 | MS35650-302 | NUT,PLAIN,HEXAGON | EA | 1 |

| (1) ILLUSTRATION (a) FIG NO | (1) ILLUSTRATION (b) ITEM NO | (2) SMR CODE | (3) NATIONAL STOCK NUMBER | (4) FSCM | (5) PART NUMBER | (6) DESCRIPTION USABLE ON CODE | (7) U/M | (8) QTY INC IN UNIT |
|---|---|---|---|---|---|---|---|---|
| 2 | 40 | PAFZZ | 5305-00-622-9478 | 96906 | MS35265-49 | SCREW,MACHINE | EA | 4 |
| 2 | 41 | PAFZZ | 5310-00-880-5978 | 96906 | MS15795-807 | WASHER,FLAT | EA | 4 |
| 2 | 42 | PAFZZ | 5310-00-933-8119 | 96906 | MS35338-137 | WASHER,LOCK | EA | 4 |
| 2 | 43 | PAFZZ | 5310-00-934-9759 | 96906 | MS35649-284 | NUT,PLAIN,HEXAGON | EA | 4 |
| 2 | 44 | PAFZZ | | 12867 | 0376-1012 | INSULATOR,HEATSINK | EA | 1 |
| 2 | 45 | XDFZZ | | 12867 | T0623 | TRANSFORMER,POWER | EA | 1 |
| 2 | 46 | PAFZZ | 5305-00-622-9483 | 96906 | MS35265-81 | SCREW,MACHINE | EA | 4 |
| 2 | 47 | PAFZZ | 5310-00-582-5677 | 96906 | MS15795-810 | WASHER,FLAT | EA | 4 |
| 2 | 48 | PAFZZ | 5310-00-933-8121 | 96906 | MS35338-139 | WASHER,LOCK | EA | 4 |
| 2 | 49 | PAFZZ | 5310-00-250-9477 | 96906 | MS35649-2254 | NUT,PLAIN,HEXAGON | EA | 4 |
| 2 | 50 | MFFZZ | | 75382 | MS600-10 | PLATE,MARKING,BLANK | EA | 1 |
| 2 | 51 | XDFZZ | 5940-00-983-6051 | 81349 | 37T810 | TERMINAL BOARD | EA | 1 |
| 2 | 52 | PAFZZ | 5305-00-582-5808 | 96906 | MS35265-31 | SCREW,MACHINE | EA | 4 |
| 2 | 53 | PAFZZ | 5310-00-722-5998 | 96906 | MS15795-805 | WASHER,FLAT | EA | 4 |
| 2 | 54 | PAFZZ | 5310-00-929-6395 | 96906 | MS35338-136 | WASHER,LOCK | EA | 4 |
| 2 | 55 | XDFZZ | | 91833 | 743 | GROMMET,RUBBER | EA | 4 |
| 2 | 56 | XDFZZ | 5940-00-269-2219 | 81349 | P801PA04 | POST,BINDING,ELECTR | EA | 1 |
| 2 | 57 | XDFZZ | 5940-00-983-6045 | 81349 | 37T84 | TERMINAL BOARD | EA | 1 |
| 2 | 58 | PAFZZ | 5305-00-582-5808 | 96906 | MS35265-31 | SCREW,MACHINE | EA | 4 |
| 2 | 59 | PAFZZ | 5310-00-722-5998 | 96906 | MS15795-805 | WASHER,FLAT | EA | 4 |
| 2 | 60 | PAFZZ | 5310-00-929-6395 | 96906 | MS35338-136 | WASHER,LOCK | EA | 4 |
| 2 | 61 | MFFZZ | | 75382 | MS600-4 | PLATE,DESIGNATION | EA | 1 |
| 2 | 62 | XDFZZ | 5940-00-269-2220 | 58474 | DF31AC | POST,BINDING,ELECTR | EA | 1 |
| 2 | 63 | MFFZZ | | 12867 | 0376-1031 | COVER,TERM BOARD | EA | 1 |
| 2 | 64 | XDFZZ | | 06540 | 8213A0632 | STANDOFF | EA | 4 |
| 2 | 65 | PAFZZ | 5305-00-579-2139 | 96906 | MS35265-30 | SCREW,MACHINE | EA | 4 |
| 2 | 66 | PAFZZ | 5310-00-722-5998 | 96906 | MS15795-805 | WASHER,FLAT | EA | 4 |
| 2 | 67 | XDFZZ | 5940-00-983-6045 | 81349 | 37T84 | TERMINAL BOARD | EA | 1 |
| 2 | 68 | PAFZZ | 5305-00-514-7506 | 96906 | MS35265-26 | SCREW,MACHINE | EA | 4 |
| 2 | 69 | PAFZZ | 5310-00-929-6395 | 96906 | MS35338-136 | WASHER,LOCK | EA | 4 |
| 2 | 70 | PAFZZ | 5310-00-722-5998 | 96906 | MS15795-805 | WASHER,FLAT | EA | 8 |
| 2 | 71 | PAOZZ | | 81774 | 3-18 | LINE CORD | EA | 1 |
| 2 | 72 | MFFZZ | | 12867 | 0376-753-1 | PANEL,TOP | EA | 1 |
| 2 | 73 | PAFZZ | 5305-00-226-7907 | 96906 | MS35274-45 | SCREW,MACHINE | EA | 4 |
| 2 | 74 | PAFZZ | 5310-00-619-1148 | 96906 | MS15795-808 | WASHER,FLAT | EA | 4 |
| 2 | 75 | PAFZZ | 5305-00-054-6656 | 96906 | MS35338-138 | SCREW,MACHINE | EA | 4 |
| 2 | 76 | MHFZZ | | 12867 | 0376-753-2 | PANEL,BACK | EA | 1 |
| 2 | 77 | PAFZZ | 5305-00-226-7907 | 96906 | MS35274-45 | SCREW,MACHINE | EA | 6 |
| 2 | 78 | PAFZZ | 5310-00-619-1148 | 96906 | MS15795-808 | WASHER,FLAT | EA | 6 |
| 2 | 79 | PAFZZ | 5305-00-054-6656 | 96906 | MS35338-138 | SCREW,MACHINE | EA | 6 |

SECTION II

| (1) ILLUSTRATION (a) FIG NO | (1) ILLUSTRATION (b) ITEM NO | (2) SMR CODE | (3) NATIONAL STOCK NUMBER | (4) FSCM | (5) PART NUMBER | (6) DESCRIPTION / USABLE ON CODE | (7) U/M | (8) QTY INC IN UNIT |
|---|---|---|---|---|---|---|---|---|
| 2 | 80 | HOFZZ | | 12847 | 0376-753-3 | PANEL,SIDE | EA | 2 |
| 2 | 81 | HOFZZ | | 12847 | 0376-753-4 | PANEL,BOTTOM | EA | 1 |
| 2 | 82 | PAFZZ | 5305-00-226-7907 | 96906 | MS35274-45 | SCREW,MACHINE | EA | 4 |
| 2 | 83 | PAFZZ | 5310-00-619-1148 | 96906 | MS15795-808 | WASHER,FLAT | EA | 4 |
| 2 | 84 | PAFZZ | 5305-00-054-8656 | 96906 | MS35338-138 | SCREW,MACHINE | EA | 4 |



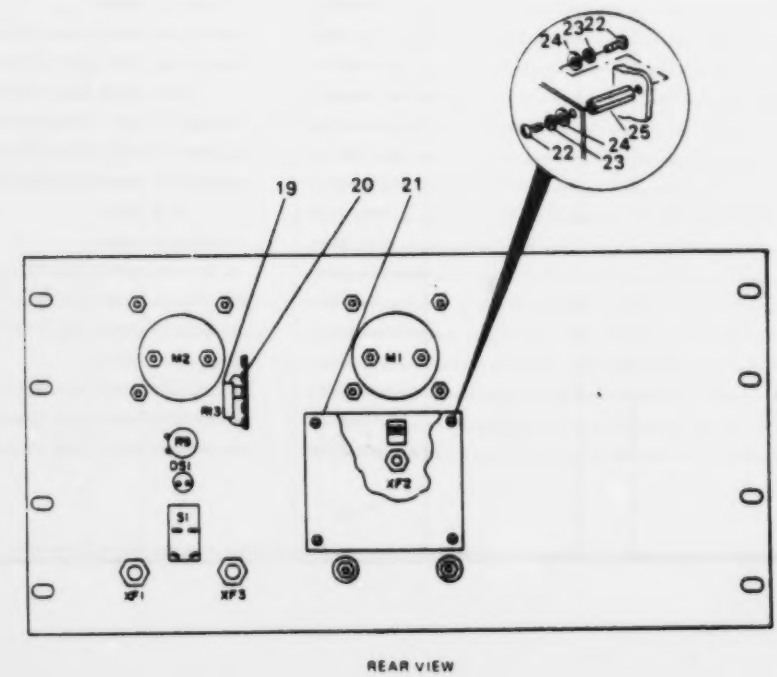




Figure 3. Front Panel Assembly 0376-708

| (1) ILLUSTRATION (a) FIG NO | (1) ILLUSTRATION (b) ITEM NO | (2) SMR CODE | (3) NATIONAL STOCK NUMBER | (4) FSCM | (5) PART NUMBER | (6) DESCRIPTION / USABLE ON CODE | (7) U/M | (8) QTY INC IN UNIT |
|---|---|---|---|---|---|---|---|---|
| | | | | | | GROUP 0101 FRONT PANEL ASSEMBLY | | |
| | | XAOFF | | 12867 | 0376-708 | FRONT PANEL ASSY | EA | 1 |
| 3 | 1 | PAFZZ | 5305-00-226-7907 | 96906 | MS35274-45 | SCREW,MACHINE | EA | 6 |
| 3 | 2 | PAFZZ | 5310-00-619-1148 | 96906 | MS15795-808 | WASHER,FLAT | EA | 6 |
| 3 | 3 | PAFZZ | 5305-00-054-6656 | 96906 | MS35338-138 | SCREW,MACHINE | EA | 6 |
| 3 | 4 | PAFZZ | 5310-00-934-9751 | 96906 | MS35650-302 | NUT,PLAIN,HEXAGON | EA | 6 |
| 3 | 5 | PAFZZ | | 06046 | 3-1-2-32056 | VOLTMETER | EA | 1 |
| 3 | 6 | PAFZZ | | 12697 | 354051-103 | RESISTOR,VARIABLE | EA | 1 |
| 3 | 7 | PAFZZ | 5355-00-543-0789 | 96906 | MS91528-1N28 | KNOB | EA | 1 |
| 3 | 8 | PAOZZ | 6210-00-250-8575 | 91802 | 1050C3 | LIGHT,INDICATOR | EA | 4 |
| 3 | 9 | PAFZZ | 5930-00-577-0068 | 27193 | 756545 | SWITCH,TOGGLE | EA | 3 |
| 3 | 10 | PAFZZ | 5920-00-892-9311 | 71400 | HKP | FUSEHOLDER,EXTRACTO | EA | 2 |
| 3 | 11 | PAOZZ | 5920-00-296-0679 | 71400 | ABC5 | FUSE,CARTRIDGE | EA | 1 |
| 3 | 12 | PAFZZ | 5940-00-269-2220 | 58474 | DF31RC | POST,BINDING,ELECTR | EA | 1 |
| 3 | 13 | PAFZZ | 5920-00-280-9539 | 71400 | ABC20 | FUSE,CARTRIDGE | EA | 1 |
| 3 | 14 | PAFZZ | 5940-00-269-2219 | 81349 | PB01PA04 | POST,BINDING,ELECTR | EA | 1 |
| 3 | 15 | MHFZZ | | 12867 | A0376-1070 | PLATE,IDENT | EA | 1 |
| 3 | 16 | PAFZZ | 5305-00-531-0298 | 96906 | MS35265-15 | SCREW,MACHINE | EA | 4 |
| 3 | 17 | PAFZZ | 5310-00-595-8211 | 96906 | MS15795-803 | WASHER,FLAT | EA | 4 |
| 3 | 18 | PAFZZ | | 06046 | 3-1-2-320538 | AMMETER | EA | 1 |
| 3 | 19 | PAFZZ | 5905-00-247-8733 | 81349 | RCR32G562J5 | RESISTOR,FIXED,COMP | EA | 1 |
| 3 | 20 | PAFZZ | 5940-00-329-5409 | 33330 | 663 | TERMINAL BOARD | EA | 4 |
| 3 | 21 | PAFHH | 6130-01-122-3158 | 12867 | 0376-707 | CIRCUIT CARD ASSEMB | EA | 1 |
| 3 | 22 | PAFZZ | 5305-00-579-2139 | 96906 | MS35269-30 | SCREW,MACHINE | EA | 6 |
| 3 | 23 | PAFZZ | 5310-00-929-6395 | 96906 | MS35338-136 | WASHER,LOCK | EA | 6 |
| 3 | 24 | PAFZZ | 5310-00-722-5998 | 96906 | MS15795-805 | WASHER,FLAT | EA | 6 |
| 3 | 25 | XDFZZ | | 06540 | 623380632 | STANDOFF | EA | 4 |

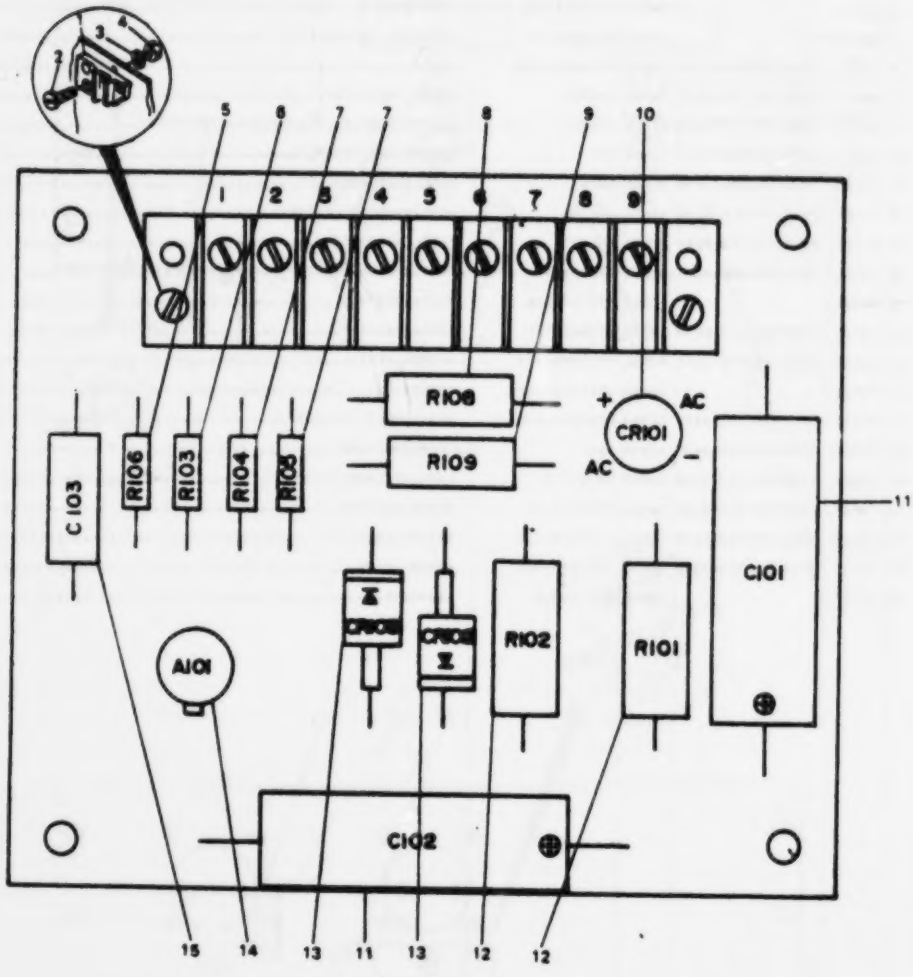



Figure 4. Printed Circuit Board Assembly 0376-707

SECTION II

| (1) ILLUSTRATION (A) FIG NO | (1) ILLUSTRATION (B) ITEM NO | (2) SMR CODE | (3) NATIONAL STOCK NUMBER | (4) FSCM | (5) PART NUMBER | (6) DESCRIPTION / USABLE ON CODE | (7) U/M | (8) QTY INC IN UNIT |
|---|---|---|---|---|---|---|---|---|
| | | | | | | GROUP 010101 PRINTED CIRCUIT | | |
| 4 | 1 | XDHZZ | | 75382 | 410-1921-9PI | TERMINAL BLOCK | EA | 1 |
| 4 | 2 | PAHZZ | 5305-00-622-9472 | 96906 | MS35265-5 | SCREW,MACHINE | EA | 4 |
| 4 | 3 | PAHZZ | 5310-00-928-2690 | 96906 | MS35338-134 | WASHER,LOCK | EA | 2 |
| 4 | 4 | PAHZZ | 5310-00-934-9738 | 96906 | MS35649-222 | NUT,PLAIN,HEXAGON | EA | 1 |
| 4 | 5 | PAHZZ | 5905-00-104-5756 | 81349 | RCR20G105JS | RESISTOR,FIXED,COMP | EA | 1 |
| 4 | 6 | PAHZZ | 5905-00-110-0992 | 81349 | RCR32G511JS | RESISTOR,FIXED,COMP | EA | 2 |
| 4 | 7 | PAHZZ | 5905-00-110-0196 | 81349 | RCR20G102JS | RESISTOR,FIXED,COMP | EA | 1 |
| 4 | 8 | PAHZZ | 5905-00-279-1719 | 81349 | RC32GF103J | RESISTOR,FIXED,COMP | EA | 1 |
| 4 | 9 | PAHZZ | 5905-00-121-9858 | 81349 | RCR32G513JS | RESISTOR,FIXED,COMP | EA | 1 |
| 4 | 10 | PAHZZ | 5961-00-101-2386 | 83701 | PP40 | RECTIFIER,SEMICONDU | EA | 4 |
| 4 | 11 | PAHZZ | 5910-01-030-6235 | 14655 | MBR250-25 | CAPACITOR,FIXED,ELE | EA | 4 |
| 4 | 12 | PAHZZ | 5905-00-173-1119 | 81349 | RCR42G151JS | RESISTOR,FIXED,COMP | EA | 2 |
| 4 | 13 | PAHZZ | 5961-00-053-1526 | 04713 | LM340 | SEMICONDUCTOR DEVIC | EA | 1 |
| 4 | 14 | PAHZZ | 5962-00-493-7715 | 07263 | 741HM | MICROCIRCUIT,LINEAR | EA | 1 |
| 4 | 15 | PAHZZ | 5910-00-649-4490 | 56289 | TVA1207 | CAPACITOR,FIXED,ELE | EA | 1 |

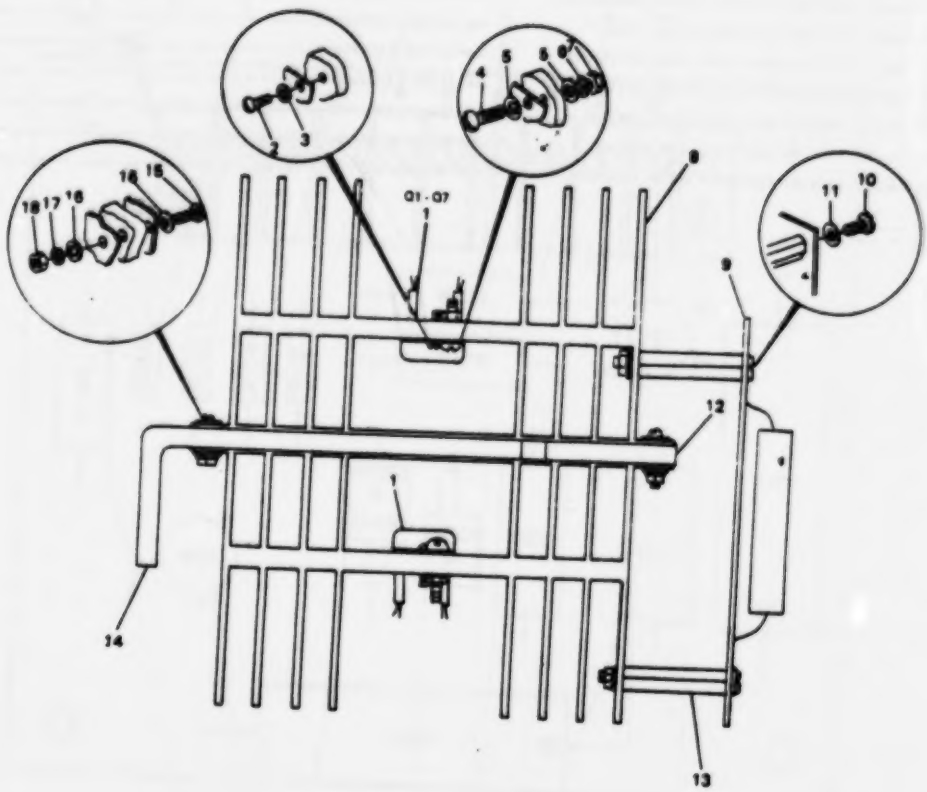
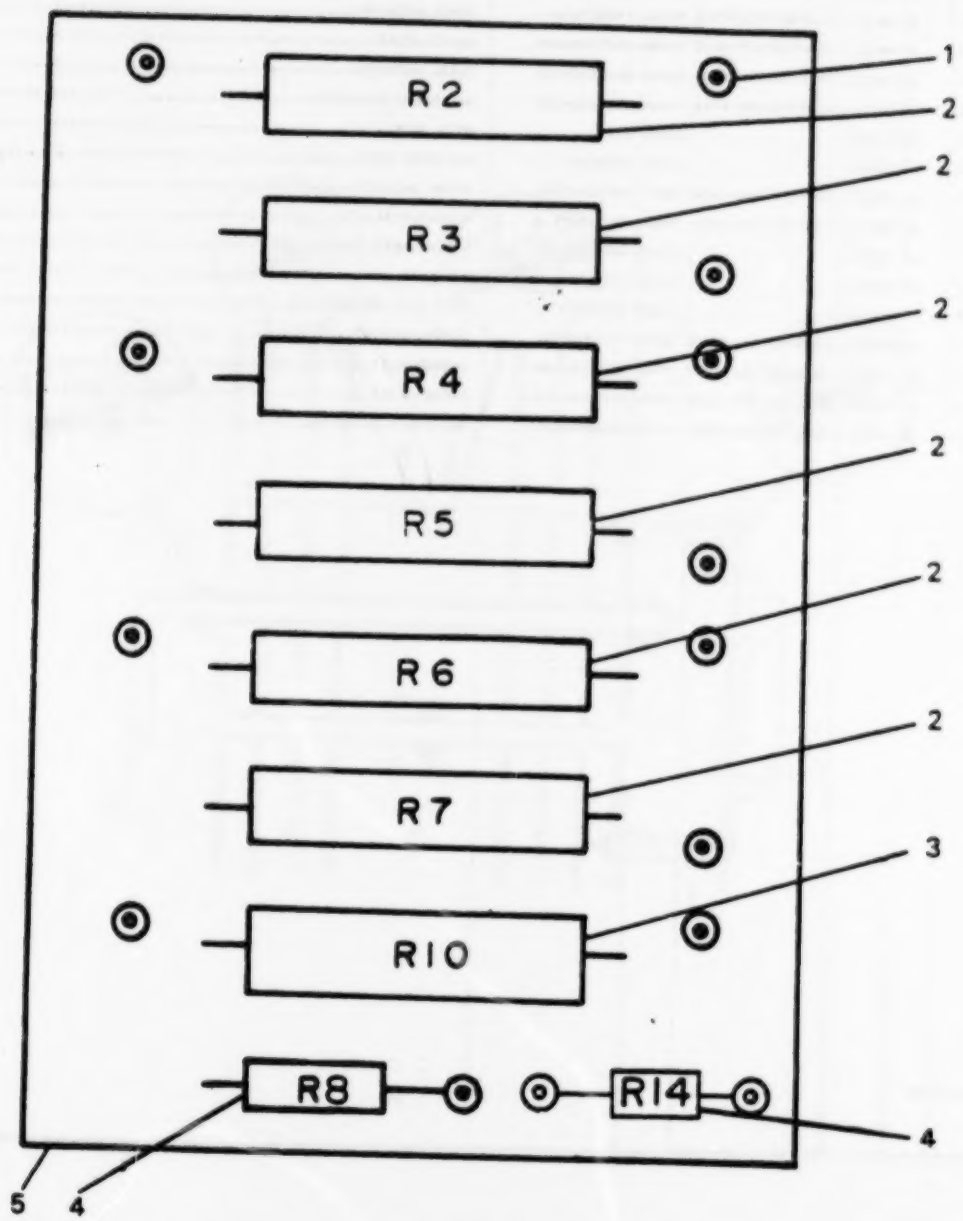



Figure 5. Heat Sink Assembly 0376-741

| (1) ILLUSTRATION (A) FIG NO | (1) ILLUSTRATION (B) ITEM NO | (2) SMR CODE | (3) NATIONAL STOCK NUMBER | (4) FSCM | (5) PART NUMBER | (6) DESCRIPTION / USABLE ON CODE | (7) U/M | (8) QTY INC IN UNIT |
|---|---|---|---|---|---|---|---|---|
| | | | | | | GROUP 0102 HEAT SINK ASSEMBLY | | |
| 5 | 1 | PAFZZ | 5961-00-929-5014 | 79089 | ZN1773 | TRANSISTOR | EA | 7 |
| 5 | 2 | PAFZZ | 5305-00-579-2139 | 96906 | MS35265-30 | SCREW,MACHINE | EA | 14 |
| 5 | 3 | PAFZZ | 5310-00-722-5998 | 96906 | MS15795-805 | WASHER,FLAT | EA | 14 |
| 5 | 4 | PAFZZ | 5305-00-837-8918 | 96906 | MS35274-64 | SCREW,MACHINE | EA | 2 |
| 5 | 5 | PAFZZ | 5310-00-619-1148 | 96906 | MS15795-808 | WASHER,FLAT | EA | 4 |
| 5 | 6 | PAFZZ | 5305-00-054-6656 | 96906 | MS35338-138 | SCREW,MACHINE | EA | 2 |
| 5 | 7 | PAFZZ | 5310-00-934-9751 | 96906 | MS35650-302 | NUT,PLAIN,HEXAGON | EA | 4 |
| 5 | 8 | PAFZZ | | 30161 | 6055 | HEAT SINK | EA | 4 |
| 5 | 9 | XAFPF | | 12867 | 0376-717 | RESISTOR ASSY | EA | 1 |
| 5 | 10 | PAFZZ | 5305-00-582-5808 | 96906 | MS35265-31 | SCREW,MACHINE | EA | 4 |
| 5 | 11 | PAFZZ | 5310-00-722-5998 | 96906 | MS15795-805 | WASHER,FLAT | EA | 4 |
| 5 | 12 | PAFZZ | | 12867 | 0376-739-1 | SPACER,HEAT SINK | EA | 1 |
| 5 | 13 | PAFZZ | | 06540 | 9743A0632 | STANDOFF | EA | 4 |
| 5 | 14 | XAFZZ | | 12867 | 0376-739 | HEAT SINK BRACKET | EA | 1 |
| 5 | 15 | PAFZZ | 5305-00-582-5808 | 96906 | MS35265-31 | SCREW,MACHINE | EA | 4 |
| 5 | 16 | PAFZZ | 5310-00-722-5998 | 96906 | MS15795-805 | WASHER,FLAT | EA | 8 |
| 5 | 17 | PAFZZ | 5310-00-929-6395 | 96906 | MS35338-136 | WASHER,LOCK | EA | 4 |
| 5 | 18 | PAFZZ | 5310-00-934-9761 | 96906 | MS35649-264 | NUT,PLAIN,HEXAGON | EA | 4 |




EL6GJ008

Figure 6. Resistor Board Assembly 0376-717

| (1) ILLUSTRATION (a) FIG NO | (1) ILLUSTRATION (b) ITEM NO | (2) SMR CODE | (3) NATIONAL STOCK NUMBER | (4) FSCM | (5) PART NUMBER | (6) DESCRIPTION / USABLE ON CODE | (7) U/M | (8) QTY INC IN UNIT |
|---|---|---|---|---|---|---|---|---|
| | | | | | | GROUP 010201 RESISTOR BOARD ASSEMBLY | | |
| 6 | 1 | PAFZZ | 5940-00-725-9498 | 81349 | SE12XC07 | TERMINAL,STUD | EA | 11 |
| 6 | 2 | PAFZZ | 5905-01-073-2458 | 81349 | RW68V856 | RESISTOR,FIXED,WIRE | EA | 9 |
| 6 | 3 | PAFZZ | 5905-00-979-1153 | 81349 | RW68V511 | RESISTOR,FIXED,WIRE | EA | 1 |
| 6 | 4 | PAFZZ | 5905-00-279-1922 | 81349 | RC42GF271J | RESISTOR,FIXED,COMP | EA | 1 |
| 6 | 5 | PAFZZ | | 12867 | 0376-383 | RESISTOR BOARD | EA | 1 |

NOTE: LATEST NATIONAL STOCK NUMBER AND PART NUMBER ASSIGNMENTS ARE INCLUDED AT END OF INDEX

| STOCK NUMBER | FIGURE NO. | ITEM NO. |
|---|---|---|
| 5961-00-053-152( | 4 | 13 |
| 5305-00-054-6656 | 2 | 9 |
| 5305-00-054-6656 | 2 | 27 |
| 5305-00-054-6656 | 2 | 31 |
| 5305-00-054-6656 | 2 | 38 |
| 5305-00-054-6656 | 2 | 75 |
| 5305-00-054-6656 | 2 | 79 |
| 5305-00-054-6656 | 2 | 84 |
| 5305-00-054-6656 | 3 | 3 |
| 5305-00-054-6656 | 5 | 6 |
| 5961-00-101-2386 | 4 | 10 |
| 5905-00-104-5756 | 4 | 5 |
| 5905-00-110-0196 | 4 | 7 |
| 5905-00-110-0992 | 4 | 6 |
| 5905-00-121-9858 | 4 | 9 |
| 5910-00-151-7564 | 2 | 16 |
| 5905-00-173-1119 | 4 | 12 |
| 5305-00-226-7907 | 2 | 73 |
| 5305-00-226-7907 | 2 | 77 |
| 5305-00-226-7907 | 2 | 82 |
| 5305-00-226-7907 | 3 | 1 |
| 5905-00-247-8733 | 3 | 19 |
| 6210-00-250-8575 | 3 | 8 |
| 5310-00-250-9477 | 2 | 49 |
| 5940-00-269-2219 | 2 | 56 |
| 5940-00-269-2219 | 3 | 14 |
| 5940-00-269-2220 | 2 | 62 |
| 5940-00-269-2220 | 3 | 12 |
| 5905-00-279-1719 | 4 | 8 |
| 5905-00-279-1922 | 6 | 4 |
| 5920-00-280-9539 | 3 | 13 |
| 5920-00-296-0679 | 3 | 11 |
| 5940-00-329-5409 | 3 | 20 |
| 5962-00-453-7715 | 4 | 14 |
| 7021-00-483-0051 | 2 | 1 |
| 5305-00-497-7401 | 2 | 34 |
| 5305-00-514-7506 | 2 | 68 |
| 5305-00-531-0298 | 3 | 16 |
| 5355-00-543-0789 | 3 | 7 |
| 5930-00-577-0068 | 3 | 9 |
| 5305-00-579-2136 | 2 | 3 |
| 5305-00-579-2139 | 2 | 11 |
| 5305-00-579-2139 | 2 | 65 |
| 5305-00-579-2139 | 3 | 22 |
| 5305-00-579-2139 | 5 | 2 |
| 5310-00-582-5677 | 2 | 47 |
| 5305-00-582-5808 | 2 | 23 |
| 5305-00-582-5808 | 2 | 52 |
| 5305-00-582-5808 | 2 | 58 |
| 5305-00-582-5808 | 5 | 10 |
| 5305-00-582-5808 | 5 | 15 |
| 5310-00-595-6211 | 3 | 17 |
| 5310-00-619-1148 | 2 | 8 |
| 5310-00-619-1148 | 2 | 26 |
| 5310-00-619-1148 | 2 | 30 |
| 5310-00-619-1148 | 2 | 37 |
| 5310-00-619-1148 | 2 | 74 |
| 5310-00-619-1148 | 2 | 78 |
| 5310-00-619-1148 | 2 | 83 |
| 5310-00-619-1148 | 3 | 4 |
| 5310-00-619-1148 | 5 | 5 |
| 5305-00-622-9472 | 4 | 2 |
| 5305-00-622-9478 | 2 | 40 |
| 5305-00-622-9483 | 2 | 48 |
| 5910-00-669-4490 | 4 | 15 |
| 5961-00-676-9116 | 2 | 35 |
| 5310-00-722-5998 | 2 | 4 |
| 5310-00-722-5998 | 2 | 12 |
| 5310-00-722-5998 | 2 | 21 |
| 5310-00-722-5998 | 2 | 53 |
| 5310-00-722-5998 | 2 | 59 |
| 5310-00-722-5998 | 2 | 66 |
| 5310-00-722-5998 | 2 | 70 |
| 5310-00-722-5998 | 3 | 44 |
| 5310-00-722-5998 | 5 | 3 |
| 5310-00-722-5998 | 5 | 11 |
| 5940-00-725-9498 | 6 | 10 |
| 5305-00-837-8918 | 2 | 1 |
| 5305-00-837-8918 | 2 | 7 |
| 5305-00-837-8918 | 2 | 25 |
| 5305-00-837-8918 | 2 | 30 |
| 5310-00-880-5478 | 5 | 4 |
| 5920-00-892-9311 | 2 | 41 |
| 5310-00-928-2690 | 3 | 10 |
| 5961-00-929-5014 | 4 | 3 |
| 5310-00-929-6395 | 5 | 1 |
| 5310-00-929-6395 | 2 | 5 |
| 5310-00-929-6395 | 2 | 13 |
| 5310-00-929-6395 | 2 | 22 |
| 5310-00-929-6395 | 2 | 54 |
| 5310-00-929-6395 | 2 | 60 |
| 5310-00-929-6395 | 2 | 69 |
| 5310-00-929-6395 | 3 | 23 |
| 5310-00-929-6395 | 5 | 17 |
| 5310-00-933-8119 | 2 | 42 |
| 5310-00-933-8121 | 4 | 44 |
| 5310-00-934-9738 | 4 | 9 |
| 5310-00-934-9751 | 2 | 10 |
| 5310-00-934-9751 | 2 | 28 |
| 5310-00-934-9751 | 2 | 32 |
| 5310-00-934-9751 | 2 | 39 |
| 5310-00-934-9751 | 3 | 9 |
| 5310-00-934-9759 | 5 | 7 |
| 5310-00-934-9761 | 2 | 43 |
| 5310-00-934-9761 | 2 | 6 |
| 5310-00-934-9761 | 2 | 14 |
| 5905-00-975-1153 | 5 | 16 |
| 5905-00-975-1153 | 2 | 45 |
| 5940-00-983-6045 | 6 | 3 |
| 5940-00-983-6045 | 2 | 57 |
| 5940-00-983-6051 | 2 | 67 |
| 5940-00-983-6115 | 2 | 51 |
| 5910-01-030-6235 | 2 | 19 |
| 5905-01-073-2458 | 4 | 11 |
| 6130-01-122-3158 | 6 | 2 |
| | 3 | 21 |

| FSCM | PART NUMBER | FIGURE NO. | ITEM NO. |
|---|---|---|---|
| 71400 | ABC20 | 3 | 13 |
| 71400 | ABC5 | 3 | 11 |
| 12867 | A0376-1070 | 3 | 15 |
| 37942 | CGS143U050D11 | 2 | 17 |
| 58474 | DF31AC | 2 | 62 |
| 58474 | DF31AC | 3 | 12 |
| 71400 | HKP | 3 | 10 |
| 96906 | MS15795-803 | 3 | 17 |
| 96906 | MS15795-805 | 2 | 4 |
| 96906 | MS15795-805 | 2 | 12 |
| 96906 | MS15795-805 | 2 | 21 |
| 96906 | MS15795-805 | 2 | 53 |
| 96906 | MS15795-805 | 2 | 59 |
| 96906 | MS15795-805 | 2 | 66 |
| 96906 | MS15795-805 | 2 | 70 |
| 96906 | MS15795-805 | 3 | 24 |
| 96906 | MS15795-805 | 5 | 3 |
| 96906 | MS15795-805 | 5 | 11 |
| 96906 | MS15795-805 | 5 | 16 |
| 96906 | MS15795-807 | 4 | 41 |
| 96906 | MS15795-808 | 2 | 8 |
| 96906 | MS15795-808 | 4 | 26 |
| 96906 | MS15795-808 | 2 | 30 |
| 96906 | MS15795-808 | 2 | 37 |
| 96906 | MS15795-808 | 2 | 74 |
| 96906 | MS15795-808 | 2 | 78 |
| 96906 | MS15795-808 | 2 | 83 |
| 96906 | MS15795-808 | 3 | 2 |
| 96906 | MS15795-810 | 5 | 5 |
| 96906 | MS35265-15 | 2 | 47 |
| 96906 | MS35265-26 | 3 | 16 |
| 96906 | MS35265-30 | 2 | 68 |
| 96906 | MS35265-30 | 4 | 11 |
| | | 2 | 65 |

| FSCM | PART NUMBER | FIGURE NO. | ITEM NO. |
|---|---|---|---|
| 96906 | MS35265-30 | 3 | 22 |
| 96906 | MS35265-30 | 5 | 2 |
| 96906 | MS35265-31 | 2 | 23 |
| 96906 | MS35265-31 | 4 | 52 |
| 96906 | MS35265-31 | 2 | 58 |
| 96906 | MS35265-31 | 5 | 10 |
| 96906 | MS35265-31 | 5 | 15 |
| 96906 | MS35265-32 | 2 | 3 |
| 96906 | MS35265-49 | 2 | 40 |
| 96906 | MS35265-5 | 4 | 2 |
| 96906 | MS35265-81 | 2 | 46 |
| 96906 | MS35274-45 | 4 | 73 |
| 96906 | MS35274-45 | 2 | 77 |
| 96906 | MS35274-45 | 2 | 82 |
| 96906 | MS35274-45 | 3 | 1 |
| 96906 | MS35274-64 | 2 | 7 |
| 96906 | MS35274-64 | 2 | 25 |
| 96906 | MS35274-64 | 4 | 29 |
| 96906 | MS35274-64 | 2 | 36 |
| 96906 | MS35274-64 | 5 | 4 |
| 96906 | MS35338-134 | 4 | 3 |
| 96906 | MS35338-136 | 2 | 5 |
| 96906 | MS35338-136 | 2 | 13 |
| 96906 | MS35338-136 | 2 | 22 |
| 96906 | MS35338-136 | 2 | 54 |
| 96906 | MS35338-136 | 2 | 60 |
| 96906 | MS35338-136 | 2 | 69 |
| 96906 | MS35338-136 | 3 | 23 |
| 96906 | MS35338-136 | 5 | 17 |
| 96906 | MS35338-137 | 2 | 42 |
| 96906 | MS35338-138 | 4 | 9 |
| 96906 | MS35338-138 | 2 | 27 |
| 96906 | MS35338-138 | 4 | 31 |
| 96906 | MS35338-138 | 2 | 38 |
| 96906 | MS35338-138 | 2 | 75 |
| 96906 | MS35338-138 | 2 | 79 |
| 96906 | MS35338-138 | 2 | 84 |
| 96906 | MS35338-138 | 3 | 3 |
| 96906 | MS35338-138 | 5 | 6 |
| 96906 | MS35338-139 | 2 | 48 |
| 96906 | MS35649-222 | 4 | 4 |
| 96906 | MS35649-2254 | 2 | 49 |
| 96906 | MS35649-264 | 2 | 6 |
| 96906 | MS35649-264 | 2 | 14 |
| 96906 | MS35649-264 | 5 | 18 |
| 96906 | MS35649-284 | 2 | 43 |
| 96906 | MS35650-302 | 2 | 10 |
| 96906 | MS35650-302 | 2 | 28 |
| 96906 | MS35650-302 | 2 | 32 |
| 96906 | MS35650-302 | 2 | 39 |
| 96906 | MS35650-302 | 3 | 4 |
| 96906 | MS35650-302 | 5 | 7 |
| 96906 | MS51861-25C | 2 | 34 |
| 75382 | MS600-10 | 2 | 50 |
| 75382 | MS600-4 | 2 | 61 |
| 75382 | MS601-2 | 2 | 20 |
| 96906 | MS91528-1N28 | 3 | 7 |
| 81349 | P801FA04 | 4 | 56 |
| 81349 | P801FA04 | 3 | 14 |
| 83701 | PF40 | 4 | 10 |
| 81349 | RCR20G102JS | 4 | 7 |
| 81349 | RCR20G105JS | 4 | 5 |
| 81349 | RCR32G511JS | 4 | 8 |
| 81349 | RCR32G513JS | 4 | 9 |
| 81349 | RCR32G562JS | 3 | 19 |
| 81349 | RCR42G151JS | 4 | 12 |
| 81349 | RC32GF103J | 4 | 8 |
| 81349 | RC42GF271J | 8 | 4 |
| 81349 | RW68V56 | 6 | 6 |
| 81349 | RW68V511 | 2 | 15 |
| 81349 | RW68V511 | 8 | 3 |
| 81349 | SE12X07 | 8 | 1 |
| 56289 | TVA1207 | 4 | 15 |
| 12867 | T0326 | 2 | 18 |
| 12867 | T0623 | 2 | 45 |
| 37942 | VR8 | 2 | 16 |
| 14655 | WBR250-25 | 4 | 11 |
| 92702 | WS2107PL | 2 | 1 |
| 12867 | 0376-1012 | 2 | 44 |
| 12867 | 0376-1029 | 2 | 6 |
| 12867 | 0376-1031 | 2 | 63 |
| 12867 | 0376-383 | 8 | 5 |
| 30161 | 0376-440-202 | 2 | 33 |
| 12867 | 0376-707 | 3 | 21 |
| 12867 | 0376-708 | | |
| 12867 | 0376-717 | 5 | 9 |
| 12867 | 0376-739 | 5 | 14 |
| 12867 | 0376-739-1 | 5 | 12 |
| 12867 | 0376-741 | 2 | 24 |
| 12867 | 0376-753-1 | 2 | 74 |
| 12867 | 0376-753-2 | 2 | 76 |
| 12867 | 0376-753-3 | 2 | 80 |
| 12867 | 0376-753-4 | 2 | 81 |
| 81349 | 1N1204 | 2 | 37 |
| 04713 | 1N4740 | 4 | 13 |
| 81802 | 1050C3 | 3 | 8 |
| 79089 | 2N3773 | 5 | 1 |
| 06046 | 3-1-2-320538 | 3 | 18 |
| 06046 | 3-1-2-32058 | 3 | 2 |
| 81774 | 3-16 | 2 | 71 |
| 12697 | 354051-103 | 3 | 8 |
| 81349 | 37T810 | 2 | 51 |
| 81349 | 37T84 | 2 | 57 |
| 81349 | 37T84 | 2 | 67 |
| 81349 | 38TB2 | 2 | 19 |
| 75382 | 410-1921-9PT | 4 | 1 |
| 30161 | 6055 | 5 | 8 |
| 07263 | 741HM | 4 | 14 |
| 91833 | 743 | 2 | 55 |
| 27193 | 7565K5 | 3 | 9 |
| 06540 | 8213A0632 | 2 | 64 |
| 06540 | 8233B0632 | 3 | 23 |
| 83330 | 863 | 3 | 20 |
| 06540 | 9743A0632 | 5 | 13 |

## LATEST NATIONAL STOCK NUMBER ASSIGNMENTS

| STOCK NUMBER | FIGURE NO. | ITEM NO. |
|---|---|---|
| 6310-00-752-2215 | 1 | 1 |

## LATEST PART NUMBER ASSIGNMENTS

| FSCM | PART NUMBER | FIGURE NO. | ITEM NO. |
|---|---|---|---|
| 12867 | MODEL TR100 | 1 | 1 |

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS

**SOMETHING WRONG** WITH THIS PUBLICATION?

FROM (PRINT YOUR UNIT'S COMPLETE ADDRESS)
Commander
Stateside Army Depot
ATTN: AMSTA-US
Stateside, N.J. 07703

DATE SENT
10 July 1975

| PUBLICATION NUMBER | PUBLICATION DATE | PUBLICATION TITLE |
|---|---|---|
| TM 11-5840-340-12 | 23 Jan 74 | Radar Set AN/PRC-76 |

BE EXACT PIN-POINT WHERE IT IS

| PAGE NO | PARAGRAPH | FIGURE NO | TABLE NO | IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT: |
|---|---|---|---|---|
| 2-25 | 2-28 | | | Recommend that the installation antenna alignment procedure be changed throughout to specify a 2° IFF antenna lag rather than 1°.<br><br>REASON: Experience has shown that with only a 1° lag, the antenna servo system is too sensitive to wind gusting in excess of 25 knots, and has a tendency to rapidly accelerate and decelerate as it hunts, causing strain to the drive train. Hunting is minimized by adjusting the lag to 2° without degradation of operation. |
| 3-10 | 3-3 | | 3-1 | Item 5, Function column. Change "2 db" to "3db."<br><br>REASON: The adjustment procedure the the TRANS POWER FAULT indicator calls for a 3 db (500 watts) adjustment to light the TRANS POWER FAULT indicator. |
| 5-6 | 5-8 | | | Add new step f.1 to read, "Replace cover plate removed in step e.1, above."<br><br>REASON: To replace the cover plate. |
| | | F03 | | Zone C 3. On J1-2, change "+24 VDC to "+5 VDC."<br><br>REASON: This is the output line of the 5 VDC power supply. +24 VDC is the input voltage. |

SAMPLE

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SSG I. M. DeSpiritof 999-1776

SIGN HERE
I. M. DeSpiritof

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